

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 Claim 1 (Currently Amended). An IP (Internet Protocol) packet priority
2 control system which performs priority control on a session-by-session
3 basis by distributing load to hardware to enable communication without
4 interference between images and control information comprising:
5 ~~the Internet~~ a network, operating under program control;
6 a terminal, a server, and a router connected to said ~~Internet~~
7 network; and
8 means for a Quality of Service (QoS) setting priority in an IP
9 packet on a session-by-session basis in which the terminal or the server
10 adds a priority parameter passing to a standard Application Programming
11 Interface (API), and
12 wherein said priority parameter including priority information, a
13 port number and IP address from an application with a higher priority on
14 control information vulnerable to delay than image data, and
15 wherein ~~an~~ the IP packet is transmitted and received under priority
16 control among said terminal, said server, and said router.
- 1 2 (Original). The IP packet priority control system according to claim 1,
2 wherein said session comprises sessions of a voice call, image data, and a
3 JAVA applet of a browser.
- 1 3 (Currently Amended). The IP packet priority control system according to
2 claim ~~1~~ 2, wherein the priority in said IP packet is set such that priority of
3 control information of a voice call is high, priority of image data of a
4 browser is low, and priority of a JAVA applet is intermediate between said
5 control information and said image data.

1 4 (Currently Amended). The IP packet priority control system
2 according to claim 1, wherein said means for setting priority in ~~an~~ the IP
3 packet performs setting on a session-by-session basis in which ~~a~~ the
4 terminal or ~~a~~ the server adds priority parameter passing to a standard API
5 rather than on a port-by-port basis in which ~~a~~ the router prioritizes control
6 information with QoS (Quality of Service) control.

1 5 (Currently Amended). The IP packet priority control system according to
2 claim ~~1~~ 4, wherein said means for setting priority in ~~an~~ the IP packet
3 performs setting such that, in ~~a~~ the terminal including an application layer,
4 a SOCKET layer, a TCP/UDP (Transmission Control Protocol/ User
5 Diagram Protocol) layer, an IP layer, and an interface layer, said SOCKET
6 adds priority parameter passing to a standard API for use on the ~~Internet~~
7 network.

1 6 (Currently Amended). The IP packet priority control system according to
2 claim 1, wherein said means for setting priority in ~~an~~ the IP packet
3 performs setting such that, in ~~a~~ the server including an application layer, a
4 SOCKET layer, a TCP/UDP layer, an IP layer, and an interface layer, said
5 SOCKET adds priority parameter passing to a standard API for use on the
6 ~~Internet~~ network.

1 7 (New). An Internet Protocol (IP) control method which performs priority
2 control on a session-by-session basis by distributing load to hardware to
3 enable communication without interference between images and control
4 information comprising the steps of:
5 transmitting and receiving an IP packet among a terminal, a server
6 and a router on a network operating under program control; and
7 setting a Quality of Service (QoS) priority in the IP packet on a
8 session-by-session basis in which the terminal or the server adds a priority

9 parameter passing to a standard Application Programming Interface (API),
10 said priority parameter including priority information, a port number and
11 IP address from an application with a higher priority on control
12 information vulnerable to delay than image data.

1 8 (New). The Internet Protocol (IP) control method according to claim 1,
2 wherein said session comprises sessions of a voice call, image data , and a
3 JAVA applet of a browser.

1 9 (New). The Internet Protocol (IP) control method according to claim 8,
2 wherein the priority in said IP packet is set such that priority of control
3 information of a voice call is high, priority of image data of a browser is
4 low, and priority of a JAVA applet is intermediate between said control
5 information and said image data.